

ABSTRACT OF THE DISCLOSURE

Ab A structural panel and a method for producing the panel are disclosed. The panel consists essentially of a body of a thermoset, cellular urethane which is substantially right rectangular parallelepipedal in shape, and has opposed major surfaces, and a metal sheet surface layer chemically and mechanically bonded to at least one of the opposed major surfaces of the urethane body. The structural panel is produced in a mold having the desired shape and containing the desired surface layer, by introducing a foamable composition which, by foaming and curing, produces a thermoset urethane foam and closing the mold so that the foamable composition expands to fill the mold and into intimate contact with the surface layer. As a consequence, after cure of the urethane to a thermoset condition, the surface layer is mechanically and chemically bonded thereto. A Dyligomer which is a particularly advantageous constituent of the foamable composition is also disclosed.
